Automobile Manufacturers Association

Consolidated Specification Questionnaire

For 1940 Models

Mechanical Details

Make of Car ..... BUICK ..... Model ..... 1940 SERIES 70 ROADMASTER .....

Name of Maker ..... BUICK MOTOR DIVISION ..... Address ..... FLINT, MICHIGAN .....

Date ..... Sept. 18, 1939 .....

NOTE: (1) *Subject to Correction:* It is understood that the following data is subject to correction in the case of cars not in production at the time this compilation was requested.
(2) Only standard equipment included in Factory Delivered price should be included in this questionnaire.

PERFORMANCE

Car Weight per cubic inch piston displacement .....
Horsepower per cubic inch ..... .44 .....
Car Weight per horsepower .....
(A) Engine Revolutions per mile .. 2756 at 50 m.p.h. ....
(B) Piston Displacement per mile=A x Piston displacement .. 510 ...
Piston Displacement per mile per pound = B / Car Weight .....
Car Weight per square inch of brake lining area .....
Ratio of car weight to weight of four tires without tubes .....

(NOTE: Car Weight, for performance figure, is *shipping weight for five-passenger, four-door sedan, plus 500 pounds for liquids and passengers.*)

ENGINE

No of cylinders ..... 8 .....
Valve arrangement ..... In Head .....
Bore ... 3-7/16" ..... Stroke ..... 4-5/16" .....
Engine—make and model ..... Own - Series 70 .....
Cylinder arrangement (*angle of Vee in degrees*) ... In Line ..
Cylinder head, cast iron or aluminum ... Cast Iron .....
Piston displacement ..... 320.2 cu. in. .....
Taxable horsepower ..... 37.81 .....
Maximum brake horsepower at R.P.M. ..... 141 at 3600 .....
Maximum torque (*lbs.-ft.*) at R.P.M. ... 269 at 2000 .....
Compression Ratio—
Standard .. 6.25 - 1 ..... Optional ..... - .....
Standard compression pressure—*pounds*—
At cranking speed ..... 114 .....
At what R.P.M. ..... 130 at 1000 r.p.m. .....

PISTONS and RINGS

Piston Make ..... Aluminum Company of America, and, Bohn Aluminum & Brass Corporation ..
Material ..... Al. Alloy .....

PISTONS and RINGS (cont'd)

Features—[redacted], *aluminum oxide finish*, [redacted] ... Modified Dome 1-Slot Cam Ground
Weight—*pistons without rings, pin or bushing* ... 17-1/4 .....
Length ..... 4-7/16" .....
Clearance—
Top *land* .. .026" ..... to ..... .033" .....
Skirt ..... .0020" ..... to ..... .0026" .....
Piston ring groove depth—
Oil ..... .179" ..... Compression .. .179" .....
No. of oil rings used per piston ..... 2 .....
Width of oil rings ..... 5/16" .....
Width of oil ring gap ..... .010" - .015" .....
No. of compression rings used per piston ..... 2 .....
Width of compression rings ..... 3/32" .....
Width of compression ring gap ..... .010" - .015" .....
Maximum wall thickness of oil rings .... .150" .....
Maximum wall thickness of compression rings .. Upper .172" Lower .150" ...

RODS and PINS

Wristpin—
Length ..... 3-1/16" ..... Diameter ..... .8747" .....
Locked in rod, piston or floating ..... In Rod .....
Clearance ..... .0003" ..... to ..... .0004" .....
Hole finish—[redacted] *diamond bored*, [redacted] .....
Connecting rod—
Length—*center to center* ..... 8-1/4" .....
Material ..... H.R.S. 1045 .....
Weight—*ounces* ..... 38 .....
Crankpin journal—
Diameter ... 2-1/4" ..... Length ..... 1-5/16" .....
Lower bearing—
Material ..... Babbitt .....
Make ..... Own .....
Clearance .... .0008" ..... to .... .0018" .....
End play ..... .005" ..... to .... .010" .....
Shim—*solid, laminated or none* ..... Solid .....
Spun or separate ... Centrifugal Cast .....
Rods and pistons removed from above or below ..... Above .....

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CRANKSHAFT

Vibration dampener used—*yes or no* Yes
Type Laminated steel flywheel supported on steel leaf springs.
Crankshaft counterweights used, number of 8
Which main bearing takes thrust Center
Crankshaft end play .004" to .008"

Main bearing—
Type: Cast-in or ... Slip-in Yes
If slip-in: Removable from below Yes
Necessary to align ream Yes (Except in Sets)
Material Steel Backed Babbitt
Clearance .0007" to .0022"
Shim—*solid, laminated or none* Solid

Main bearing journal diameter x length—
No. 1. 2-9/16" x 1-9/32"
No. 2. 2-5/8" x 31/32"
No. 3. 2-11/16" x 1-15/32"
No. 4. 2-3/4" x 31/32"
No. 5. 2-13/16" x 2-15/32"
No. 6.
No. 7.
No. 8.
No. 9.

Crankshaft gear or sprocket—
Make Own
Material C.D.S. 1112

CAMSHAFT

Camshaft gear or sprocket—
Make Own
Material Cast Iron 13M

Timing chain—
Make Link Belt
Number of links 50
Width 1"
Pitch .500"
Adjustment—*none, automatic or manual* None

VALVES

INTAKE VALVE—
Make Thompson, or Rich
Material 3140 or 1050
Overall length 5-1/4"
Actual overall diameter of head 1-25/32"
Angle of seat 45°
Is valve seat an insert? No Material
Stem diameter .3720"
Stem to guide clearance .0015" to .0035"

VALVES (cont'd)
Lift .347"
Spring pressure and length—
Outer—
With valve closed—*lb.* 29 *ins.* 1-15/16
With valve open—*lb.* 70 *ins.* 1-19/32
Length out of engine—*ins.* 2-5/16
Inner—
With valve closed—*lb.* 18 *ins.* 1-21/32
With valve open—*lb.* 48 *ins.* 1-5/16
Length out of engine—*ins.* 1-7/8

EXHAUST VALVE—
Make Thompson
Material X C R
Overall length 5-1/4
Actual overall diameter of head 1-7/16"
Angle of seat 45°
Is valve seat an insert? No Material
Stem diameter .3715"
Stem to guide clearance .0021" to .0039"
Lift .342"
Spring pressure and length—
Outer—
With valve closed—*lb.* 29 *ins.* 1-15/16
With valve open—*lb.* 70 *ins.* 1-19/32
Length out of engine—*ins.* 2-5/16
Inner—
With valve closed—*lb.* 18 *ins.* 1-21/32
With valve open—*lb.* 48 *ins.* 1-5/16
Length out of engine—*ins.* 1-7/8

Operating tappet clearance (hot or cold)—*intake* .015 Hot
Tappet clearance for valve timing—*intake*
Operating tappet clearance (hot or cold)—*exhaust* .015 Hot
Tappet clearance for valve timing—*exhaust*
Hydraulic valve lifters—*yes or no* No
Valve timing—
Intake opens 14 *degrees* BUDC *piston travel*
Intake closes 71 " ALDC " "
Exhaust opens 56 " BLDC " "
Exhaust closes 25 " AUDC " "
Valve Timing Marks *on Flywheel, Vibration Damper, None* None

LUBRICATION

Lubricating system type—*pressure or splash* Pressure
Oil pressure to—
Main bearings—*yes or no* Yes
Connecting rods—*yes or no* Yes

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LUBRICATION (cont'd)

Wristpins—*yes or no* No
Camshaft bearings—*yes or no* Yes
Timing gear or chain lubrication—*positive or splash* Positive
Oil pump type Gear
Oil grade recommended—*SAE viscosity and temperature range*—
Not lower than 32°F. 20W or SAE 20
As low as plus 10°F. 20W
As low as minus 10°F. 10W
Below minus 10°F. 10W plus 10% Kerosene
Normal oil pressure—*lbs. at M.P.H.* 45 at 35
Pressure at which relief valve opens 45
Capacity of oil reservoir—*quarts, dry* 10 *refill* 8
Oil pressure gauge make AC
Oil reservoir level gauge type Stick
External oil filter make AC
Oil cooler make None
Chassis lubrication—
Type High Pressure
Make Lincoln

FUEL

Gasoline tank—*capacity* 17
Fuel feed—
Type—*vacuum tank, electric pump, gravity vacuum pump or camshaft pump* Camshaft Pump
Make AC Model
Carburetor—
Make Stromberg Model A.A.V. - 26
Size 1-1/4"
Type—
Up or down draft Down Single or dual Dual
Intake manifold heat control—*manual, automatic or none* Automatic
Automatic choke, make Stromberg Model
Air cleaner—intake silencer make AC
Muffler make Hayes

COOLING

Radiator Pressure Control Valve..... 7#
Water pump—
Type Centrifugal (Ball Brg.-Spr.Loaded Seal)
Drive Belt
Is pump equipped with packing nut No
Water circulation thermostat make Harrison
By-pass for recirculation—*yes or no* Yes
Radiator shutter—Make None
Radiator core—

COOLING (cont'd)

Type Vee-Cellular
Make Harrison
Cooling system—*capacity, quarts*
Water jackets full length of cylinders—*yes or no* No
Lower radiator hose—
Inside diameter 1-9/16" Length Elbow Type
Upper radiator hose—
Inside diameter 1-9/16" Length Elbow Type
Fan belt—
Make Various
Number used 1
Angle of vee
Length, outside Width, maximum
Fan—
Make Hayes Industries

IGNITION

Ignition unit—
Make Delco-Remy Model 1110805
Manual or octane selector, *degrees advance* *retard*
Maximum automatic advance, *degrees* 22 - 26
Vacuum advance, *degrees* 10 - 12
Breaker gap .015"
Cam angle 31°
Timing—*Breaker points open* 6 *degrees crankshaft travel* [illegible] *before) top center* [illegible]
Timing marks on *flywheel, vibration dampener or none.* Flywheel
Firing order 1 - 5 - 2 - 5 - 8 - 3 - 7 - 4
Amperage draw of ignition coil—
With engine stopped 4-1/2
With engine idling 2-1/2
Ignition lock make Delco-Remy, and, Briggs-Stratton
Spark plug—
Thread—10 *m.m.*, 14 *m.m.* or 18 *m.m.* 14
Make AC Model 46
Gap .025"
Ignition cable make Packard

BATTERY

Make Delco-Remy
Capacity—*ampere hours* 115 @ 20 *hour rate*
Number of plates per cell 17
Bench charging rate—
Start 7 or Higher Finish If gassing not more than 7.
Which battery terminal is grounded Negative
Location of battery Under Hood

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STARTING MOTOR

Make Delco-Remy Model 1107908
Normal engine cranking speed
Lock test—
Amperage draw 600
Volts 3
Torque in pounds feet 16
No load test—
Amperage draw 65
Volts 5 R.P.M. 5500
Type of drive—~~Bendix~~ *sliding gear with overrunning clutch*
Starter operation—check items required to start engine
1. Turn on ignition Yes
2. Depress starter pedal
3. Depress accelerator pedal Yes
4. Depress clutch pedal
5. Operate button on dash
6. Pull out throttle Either 3 or 6 (not both)
Starting motor pinion meshes front or rear Front
No. of teeth in flywheel 156
Face width of flywheel teeth 43/64"
Flywheel teeth integral or steel ring Steel Ring
Gear ratio between starter armature and flywheel 17.33

GENERATOR

Make Delco-Remy Model 1102668
Field fuse capacity
Type—*third brush, shunt, etc.* Shunt
Current regulator, voltage regulator or current and voltage control unit Current and Voltage
Cutout relay—
Voltage at closing 6.3 to 6.9
Armature speed at closing 880
Car speed at closing 8 to 10
Amperes to open 0 to 3-1/2 Discharge
Maximum charging rate cold—
Temperature
Amperes 32 to 34
Voltage 8
R.P.M. 2000
Maximum charging rate hot—
Temperature
~~Amperes~~ 32 to 34
Voltage 8
R.P.M. 2400
Car speed for maximum charging rate 20 Approx.
~~Voltage~~ charge indicator make AC

LAMPS

Lighting switch make Delco-Remy
Are tail and dash lights in series No
Headlight—
Make Guide
Location—*in fender, in catwalk, on radiator shell* Fender
Candlepower of bulb 45 - 55 Watts
Type of bulb Sealed Beam
Parking or fender light make Guide
Tail and stop light make Guide
Horn—
Type—*vibrator or motor* Vibrator No. used 2
Make Delco-Remy
Amperage draw of each 16 and 17

CLUTCH

Make Own (Disc make - Borg and Beck)
Semi-centrifugal No
Power operated unit—make None
Vibration insulation or equalizer—*fabric, rubber blocks or springs* Springs
No. of clutch driving discs 1 and Flywheel
No. of clutch driven discs 1
Clutch facing—
Material—*woven or moulded asbestos, cork* Raybestos
Inside diameter 6-1/2"
Outside diameter 10-1/2"
Thickness 1/8"
No. required 2

TRANSMISSION

Transmission—
Make Own Model Series 70
No. of forward speeds 3
Shift lever location—*dash, steering column, floor* Steer. Column
If steering column gearshift—
Are gears meshed by rod linkage or cable Rod Linkage
Are gears selected by rod linkage or cable Rod Linkage
Automatic or auxiliary shifting mechanism—
Make None
Type—*centrifugal, vacuum, electric or hydraulic*
Automatic overdrive—
Make None
Oil capacity—*pints*
Oil grade recommended—*S.A.E. viscosity*
Summer Winter
Gear ratio in high—*standard 5-passenger 4-door sedan* Direct

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TRANSMISSION (Cont'd)

Transmission ratio—
In overdrive ... In second 1.53 - 1
In low 2.39 - 1 In reverse 2.39 - 1
Constant mesh gears on second Yes
Spur or helical gears—
For second speed Helical
For first speed Helical
For reverse speed Helical
Synchronous meshing second and third gears Yes
Transmission oil—
Capacity—*pints* 2-1/2
Grade recommended—*S.A.E. viscosity* Above -10°F SAE 90 EP
Summer ... Winter Below -10°F SAE 80 EP
Universal joints—
Make G.M., or Spicer
Number used 1
Type—*fabric, rubber, metal with anti-friction bearing or metal with plain bearing* Metal/Plain Brg.
Lubricated with Transmission Lubricant
Drive taken through springs, torque arm, torque tube or radius rods Torque Tube
Torque taken through springs, torque arm, torque tube or radius rods Torque Tube

REAR AXLE

Rear axle—
Make Own Model Series 70
Type—*semi, full or three-quarter floating* Semi
Minimum road clearance under center of rear axle—*tires inflated* 7-3/4"
Rear axle oil—
Capacity—*pints* 3
Grade and type recommended—*S.A.E. viscosity*
Summer SAE 90 Hypoid Winter *
Type of gearing—*spiral bevel, worm, hypoid* Hypoid
Gear ratio—*standard 5-passenger 4-door sedan* 3.9 - 1
Optional gear ratios None
Number of teeth—
In ring gear 39 In pinion 10
How is pinion adjusted—*screw or shims* Shims
How is pinion bearing adjusted—*screw or shims* None
Are pinion bearings in sleeve No
Backlash between pinion and ring gear .008" to .010"
Are pinion bearings preloaded Yes
How is pinion bearing preload obtained At Manufacturing
Are differential bearings preloaded Yes
How is differential bearing preload obtained Screw

TIRES and WHEELS

Tires—
Make U.S. - Firestone - Goodyear
Size 15" x 7.00" No. of plies 4
Inflation pressure—Front 25# Cold 27# Warm Rear 30# Cold 34# Warm
Rim—Diameter 15" Width 5.00"
Axle clearance for jack—*tires inflated*
Front ... Rear ...
Wheels—
Type Demountable Steel Disc
Make Motor Wheel

SPRINGS

FRONT SPRING—
Independent or conventional suspension Independent
Type—*coil, semi-elliptic or transverse* Coil
Make Own
Material Steel 9260
Sway eliminators—*torsional, lateral, none* Torsional
If leaf—
Length ... Width ...
Number of leaves—5-passenger, 4-door sedan ...
Are radius rods used on axle ...
Shackled front or rear ...
Anti-shock shackle location ...
If coil—
Free length 14-3/4"
Length under ~~curb~~ Normal Load 9-1/2"
Rate for above 106 at Wheel *pounds per inch*

REAR SPRING—
Independent or conventional suspension Coil Spg. Sus.
Type—*coil, semi-elliptic or transverse* Coil
Make Own
Material Steel 9260
Sway eliminators—*torsional, lateral, none* Torsional
If leaf—
Length ... Width ...
Number of leaves—5-passenger, 4-door sedan ...
Spring leaves lubricated with ...
Spring cover make ...
Spring shackles—
Front—Type ... Make ...
Rear—Type ... Make ...
Spring bolts—
Type ...
If coil—
Free length 18-1/4"
Length under curb weight 10"

* For temperatures above minus 10°F. use SAE 90 Hypoid.
For temperatures below minus 10°F. use SAE 80 Hypoid.

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SPRINGS (cont'd)

Rate for above 145 at Wheel *pounds per inch*

Shock absorbers—

Make Delco

Type—*one way, two way* 2

Fluid capacity—front rear

STEERING

Steering gear—

Type Worm and Double Roller

Make Saginaw Model Series 70

Ratio 19 - 1

Lubricant recommended Steering Gear Lubr. GM 4563M

Steering wheel diameter 18"

Drag link longitudinal or transverse None

Tie rod—one or two 2

Is intermediate steering arm used No

Number of turns of steering wheel for full left to right swing of wheels 4-1/4

Car turning radius—*feet—right, left or both* 21-3/4 ft.

Castor—*degrees* Pos. 3/8± 3/8 to

Camber—*degrees* or Rev. 1/4 to Pos. 1

Toe-in—*inches* 0 to 1/16

Crosswise inclination of kingpin—*degrees* 3-1/2 to 4-1/2.

Front axle—

Make Model

Section type—*I-beams, tubular or none*

End type—*Elliott or reverse Elliott*

Minimum road clearance—*tires inflated*

BRAKES

Foot brakes—

Make Bendix or Delco

Type of mechanism. *hydraulic or mechanical* Hydraulic

If vacuum booster is standard, state make

Brake lining moulded, semi-moulded or woven Woven on primary, moulded on secondary.

BRAKES (cont'd)

Drum

Material Centrifuse Diameter 12"

Lining—

Length per wheel 22-15/16"

Width 2-1/4" Thickness 3/16"

Clearance—*toe* .008" to .010" *heel* .008" to .010"

Total foot braking area 200.4 sq. in.

Percent braking power on rear wheels 47%

Hand brake location [redacted] *under cowl at left*

Hand lever operates [redacted] *rear service brakes* Rear Service

Hand brake—

Internal or external Internal

Drum diameter 12"

Lining—

Length per drum 22-15/16"

Width 2-1/4" Thickness 3/16"

Clearance .008" to .010"

FRAME

Frame—

Make Midland

Type Double Drop

Depth—*maximum* 6-1/8"

Thickness—*maximum* 5/32"

Flange width—*maximum* 2-3/4"

Wheelbase 126"

Tread—

Front 58-23/32"

Rear 59-21/32"

Weight of standard 5-passenger four-door sedan—

Shipping

Curb

Per cent on front axle

Price of standard 5-passenger, 4-door sedan

*First serial number, this series. Flint, Mich - #1359807

Serial number location Right side top of frame by dash.

Overall length of car—

With bumpers and bumper guards 213-9/16"

*South Gate, Calif. - #23601856
Linden, N.J. - #33611856

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NOTE—In giving bearing dimensions, kindly use the followingorder: inside diameter, outside diameter and width. Where cupand cone bearings are used, give both cup and cone numbers.

BEARINGS and Fan

Water pump bearing—
Make or type: New Departure
Size or number: 954208

Fan bearing—
Make or type:
Size or number:

Starting motor commutator end bearing—
Make or type: Cast Iron
Size or number: .563" x 15/16"

Starting motor drive end bearing—
Make or type: Oilless Bushing
Size or number: .563" x .625" x 3/4"

Starting motor middle bearing—
Make or type: Oilless Bushing
Size or number: .7525" x .812" x 23/32"

Generator commutator end bearing—
Make or type: Bushing
Size or number: .5625" x .7835" x 51/64"

Generator drive end bearing—
Make or type: New Departure
Size or number: 903203

Super-charger—
Make or type:
Size or number:

Clutch throwout bearing—
Make or type: New Departure
Size or number: 954221

Clutch pilot bearing—
Make or type: New Departure
Size or number: 907109

Transmission main shaft pilot bearing—
Make or type: Roller - 14 Required
Size or number: 1294780

Transmission reverse idler bearing—
Make or type: Bushing
Size or number: 553119 (.847" x .987" x 1")

Transmission main shaft front bearing—
Make or type: New Departure
Size or number: 954144

Transmission main shaft rear bearing—
Make or type: New Departure
Size or number: 954120

Transmission countershaft front bearing—
Make or type: Roller - 26 Required
Size or number: 1298445

Transmission countershaft rear bearing—
Make or type: Roller - 26 Required
Size or number: 1298445

Overdrive shaft rear bearing—
Make or type:
Size or number:

BEARINGS (cont'd)

Overdrive shaft pilot bearing—
Make or type:
Size or number:

Main shaft extension bearing—
Make or type:
Size or number:

Rear axle pinion shaft front bearing—
Make or type: New Departure
Size or number: 905607

Rear axle pinion shaft rear bearing—
Make or type: Hyatt
Size or number: 126047

Differential right bearing—
Make or type: Hyatt
Size or number: 149520

Differential left bearing—
Make or type: Hyatt
Size or number: 149580

Rear wheel inner bearing—
Make or type: Hyatt
Size or number: 111121 (Inner Race - 111122)

Rear wheel outer bearing—
Make or type:
Size or number:

Front wheel inner bearing—
Make or type: New Departure
Size or number: 909052 (Cup 909602; Cone 909552)

Front wheel outer bearing—
Make or type: New Departure
Size or number: 909001 (Cup 909601; Cone 909501)

Kingpin upper bearing—
Make or type: Split Bushing
Size or number: 1266949 (.863" x .987" x 1-1/4")

Kingpin lower bearing—
Make or type: Split Bushing
Size or number: 1266949 (.863" x .987" x 1-1/4")

Kingpin thrust bearing—
Make or type: Nice or Hoover
Size or number: 134630 or 148393

Front spring—Bolt—
Bushing size:
Bushing type:
Shackle—
Upper end:
Lower end:

Rear spring—Bolt—
Bushing size:
Bushing type:
Shackle—
Upper end:
Lower end:

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NOTE: (1) List only that equipment which is included in the factory delivered price. Special equipment which is fitted, but not included in the factory delivered price should be listed *with* its *additional* price.
(2) Enter on top line your own model name, or series mark corresponding to Standard, DeLuxe or Custom.

EQUIPMENT	Models: Standard	DeLuxe	Custom
Catalog Designation of Model	Series 70		
Lacquer make	Duco		
Body finish, *lacquer or synthetic enamel*	Lacquer		
Fender finish, *lacquer or synthetic enamel*	Lacquer		
Hardware make	Ternstedt		
Speedometer make	AC		
Gasoline gauge make	AC		
Thermometer make	AC		
Car lock make	Briggs & Stratton, or Delco-Remy		
Car lock operates *on ignition or ignition and steering*	Ignition		
Clock make	Borg		
Cigar lighter make	Casco		
Safety glass make	L.O.F.		
Safety glass type, *laminated or tempered*	Safety Plate Glass		
In windshield	Laminated		
In side windows	Laminated		
In rear window	Laminated		
Bumper make	Gordon Mfg. Co., or Std. Steel, or U.S. Spg. & Bumper		
Bumper guard make	Guide Lamp		
Car heater make	Harrison		
No. of tail lights included	2		
No. of visors included	2		
No. of horns included	2		
No. of windshield wipers included	2		
No. of windshield washers included	0		
No. of spare tires included	1		

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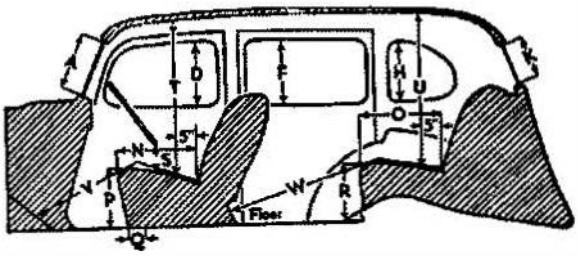
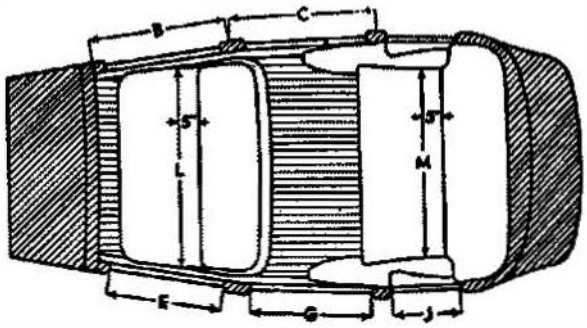
BODY DIMENSIONS (Five-Passenger, Four-Door Sedan)





EXTERIOR

Overall height, road to roof with no load	66-11/16"
Minimum height of floor in front compartment, no load	14-15/16"
Minimum height of floor in rear compartment, no load	15-3/8"
Distance between hinge centers, front door	18-1/4"
Distance between hinge centers, rear door	17-3/4"
Windshield opening height (A)	15-1/8"
Windshield opening width, to center strip if divided	25" Each
Width of front door, at handle (B)	39-7/8"
Width of rear door, at handle (C)	35-1/4"
Height of front door, maximum	46-1/8"
Height of rear door, maximum	46-1/8"
Height of window opening in front door, maximum (D)	13"
Width of window opening in front door, maximum (E)	30-3/4"
Height of window opening in rear door, maximum (F)	13"
Width of window opening in rear door, maximum (G)	30-1/2"
Height of rear quarter window opening, maximum (H)	None
Width of rear quarter window opening, maximum (J)	None
Height of rear window opening, maximum (K)	12"
Width of rear window opening, maximum (if divided list each)	37-3/4"

INTERIOR

All interior body dimensions taken with front seat in its rear position	
Width of front seat cushion, measured 5 inches from back (L)	56-1/2"
Width of rear seat cushion, measured 5 inches from back (M)	48"
Depth of front seat cushion (N)	18-3/8"
Depth of rear seat cushion (O)	19-15/16"
Height of front seat cushion (P)	13-3/8"
Front seat horizontal adjustment, inches (Q)	4-1/2"
Front seat vertical adjustment, inches	-
Height of rear seat cushion (R)	12-15/16"
Vertical distance between steering wheel and seat cushion (S)	4-9/16"
Head room at front seat, measured 5 inches from back (T)	36-1/2"
Head room at rear seat, measured 5 inches from back (U)	36"
Leg room in front seat, measured from 6 inches up on toe board (V)	43"
Leg room in rear seat, measured from center of foot rest (W)	41-1/2"
Width of left front pillar on diagonal with door closed	4-1/4"

Note: Cushion height and headroom taken 12" from centerline of car.

Make of Car BUICK Model 1940 SERIES 70 Date Sept. 18, 1939

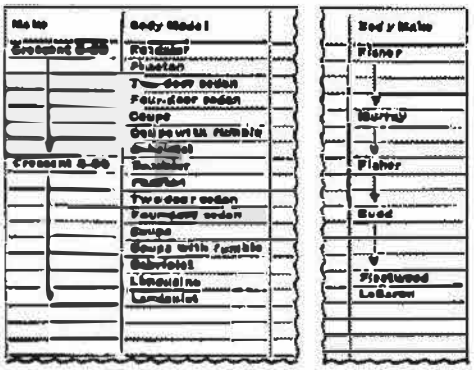
BODY DETAIL AND EQUIPMENT FORMS

DIRECTIONS

Only standard equipment included in the Factory Delivered price shown in column 3 should be listed on this sheet. Please arrange body types in an ascending price scale with the lowest priced type at the top and the highest priced type at the bottom.

IMPORTANT — To save your time, where an item is common to several types, use arrows to indicate the fact as shown in diagrams.

Standard abbreviations may be used where space limitations make this necessary. Where sub-headings such as those shown in column for Body Make are identified with numerals, these numerals may be used in filling in form.



MAKE AND MODEL	BODY TYPE List Types on Ascending Price Scale Beginning with the Lowest Price	Factory Delivered Price Including Federal Tax and Handling Charge	Number of Passengers	Wheelbase	Shipping Weight	Seating Arrangement Number See Diagram	No. of Doors	Body Make	Frame Work Steel or Wood	Top Panel 1 Integral With Roof Rails 2 Separate From Roof Rails	Luggage Compartment 1 Behind Front Seat 2 In Rear Deck 3 Both	Luggage Compartment Capacity Cu. ft.	SPARE WHEEL LOCATION 1 Back of Seat 2 Internal rear 3 External rear 4 Fender-well
Roadmaster 76S	Sport Coupe		6	126		*	4	Fisher	Steel	1	2		2
Roadmaster 71	4-D Tour.Sed.		6	126		4	2	"	"	1	2	16½	2

* Full Rear Seat.

SEATING ARRANGEMENT DIAGRAM